

DECLARATION AND POWER OF ATTORNEY

I, CHRISTOPHER R. MEISCHNER, declare that I am a citizen of the United States of America, residing at Washington, Illinois, and that I believe I am one of the original, first, and joint inventors together with SCOTT A. BUTZIN, TIMOTHY E. DELANEY, NERMIN JELACIC, ANTHONY JONES AND THOMAS G. MUIR of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM FOR MONITORING DILUTION

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Byron G. Buck II, Patent Office Reg. No. 40,537, telephone (309) 675-6717, J. Wesley Blumenshine, Patent Office Reg. No. 32,399, telephone (309) 675-5537, J. W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, and Dennis C. Skarvan, Patent Office Reg. No. 35,360, telephone (309) 675-6060, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Byron G. Buck II, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



9/16/03

CHRISTOPHER R. MEISCHNER

Date

Post Office Address:

6 W Yorktown Ct

Washington, IL 61571

DECLARATION AND POWER OF ATTORNEY

I, NERMIN JELACIC, declare that I am a citizen of United Kingdom, residing at Stanground, United Kingdom, and that I believe I am one of the original, first, and joint inventors together with SCOTT A. BUTZIN, TIMOTHY E. DELANEY, ANTHONY JONES, CHRISTOPHER R. MEISCHNER AND THOMAS G. MUIR of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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NERMIN JELACIC

15/10/2003
Date

Post Office Address:

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ENGLAND

DECLARATION AND POWER OF ATTORNEY

I, ANTHONY JONES, declare that I am a citizen of the United States of America, residing at Chillicothe, Illinois, and that I believe I am one of the original, first, and joint inventors together with SCOTT A. BUTZIN, TIMOTHY E. DELANEY, NERMIN JELACIC, CHRISTOPHER R. MEISCHNER AND THOMAS G. MUIR of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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 09/15/2003

Date

ANTHONY JONES
Post Office Address:

1220 W. Walnut St.
Chillicothe, Illinois 61523-1332

DECLARATION AND POWER OF ATTORNEY

I, TIMOTHY E. DELANEY, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with SCOTT A. BUTZIN, NERMIN JELACIC, ANTHONY JONES, CHRISTOPHER R. MEISCHNER AND THOMAS G. MUIR of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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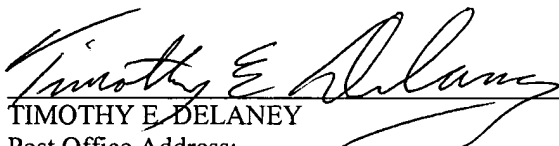
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TIMOTHY E. DELANEY
Post Office Address:
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23 Sep, 2003
Date

DECLARATION AND POWER OF ATTORNEY

I, SCOTT A. BUTZIN, declare that I am a citizen of the United States of America, residing at East Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with TIMOTHY E. DELANEY, NERMIN JELACIC, ANTHONY JONES, CHRISTOPHER R. MEISCHNER AND THOMAS G. MUIR of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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Scott A. Butzin 11-Sep-2003
SCOTT A. BUTZIN Date

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DECLARATION AND POWER OF ATTORNEY

I, THOMAS G MUIR, declare that I am a citizen of the United Kingdom, residing at Edwards, Illinois, and that I believe I am one of the original, first, and joint inventors together with TIMOTHY E. DELANEY, NERMIN JELACIC, ANTHONY JONES, CHRISTOPHER R. MEISCHNER AND SCOTT BUTZIN of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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Date

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